

INCARDEN, R.

On the vectorial intensity law in geometric optics. In English.  
p. 255.

ACTA PHYSICA POLONICA Vol. 14, No. 3, 1955

Warszawa, Poland

SOURCE: EEAL Vol 5, No. 10 Oct. 1956

INGARDEN, R.S.

POLAND/Theoretical Physics - Quantum Theory of Fields.

B-6

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8489

Author : Ingarden, R.S.

Inst : Wroclaw University, Wroclaw; Physics Institute, Polish Academy of Sciences, Poland.

Title : Concerning the Theory of Hyperons

Orig Pub : Zh. eksperim. i teor. fiziki, 1956, 30, No 5, 951-953

Abstract : In an earlier work by the author (Abstract 8488) it is shown that within the framework of the basic principles of the existing theory of elementary particles it is possible to consider a relativistic  $\chi$ -field, which leads for the case of a point source to the following approximate potential

$$V(r) = -(\pi a / \sqrt{2\alpha}) \gamma \rho (-r^2/2\lambda^2).$$

A  $\chi$ -field leading to the potential  $V(r)$  satisfies the

Card 1/3

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618610016-2"

POLAND/Theoretical Physics - Quantum Theory of Fields.

B-6

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8489

equation  $A = 0$  [Abstract 8488, Eq. (1)], from which it also follows that the  $\chi$ -field does not exist without sources and has no state with definite energy values. The particles of the  $\chi$ -field therefore cannot be detected by experiments with counters, cloud chambers, etc. In the present work the author considers the nucleon as a system consisting of two identical spinless particles ("m-particles"), which interact with each other through the  $\chi$ -field and a scalar meson field. In order to prevent the "m-particles" from falling into each other, it is necessary that the  $\chi$ -charge  $a$  satisfy the equation  $a < \sqrt{cm}/2 \approx 3 \times 10^{-8}$  CGS. When  $a \approx 10^{-8}$  CGS the author obtains for the mass of the "m-particles", the binding energy of the system, and the radius of action of the intra-nucleon forces the following estimates:  $m = 1400 m_e$ ,  $E = 450$  Mev,  $\chi = e^2/m^2 \approx 0.8 \times 10^{-14}$  Cm. Thus, the dissociation level lies below the mass

Card 2/3

POLAND/Theoretical Physics - Quantum Theory of Fields.

B-6

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8489

of the  $\left[ - \right]$ -particle -- the highest of all known excited states of the nucleon. Calculation of the excited states in this model is possible only numerically. It is expected that the number of excited bound states is on the order of three or four and that the selection rules, connected with the interaction with the meson field, make it possible to explain the relatively long lifetimes of the hyperons.

Card 3/3

INGARDEN, R.S.

POLAND/Theoretical Physics - Quantum Theory of Fields.

B-6

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8488

Author : Ingarden, R.S.  
 Inst : Wroclaw University; Physics Institute, Academy of Sciences, Poland.  
 Title : New Type of Relativistically-Invariant Linear Local Field Equations.

Orig Pub : Dokl. AM SSSR, 1956, 108, No 1, 56-59.

Abstract : The author considers linear differential field equations with variable coefficients, depending on the coordinates of the source of this field. The equations should satisfy the principles of relativistic invariance, superposition, and localizability. In the second-order class of equations the author determines the conditions that determine uniquely the desired equation for an instantaneous point source in the form

Card 1/2

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

POLAND/Theoretical Physics - Quantum Theory of Fields.

B-6

Abs Jour : Referat Zhur - Fizika, No 4, 1957, 8488

$$(\partial^2/\partial x_{\mu} \partial x^{\mu} + s_{\alpha}^2/\lambda^2 - x^{\alpha}) \chi(x) = -4\pi e \delta(x, -x_0) \quad (1)$$

where

$$s_{\alpha}^2 = -(x^{\mu} - x_0^{\mu})(x^{\mu} - x_0^{\mu}), \quad \lambda^2/2 \neq 1 \pm 2, \dots; \lambda > 0.$$

Solutions of this equation are found, and it is also shown that the solution of the equation with a point source which existed all the time prior to a certain instant of observation  $x_0$  and moved inertially, has the form

$$\begin{aligned} \chi(r) &= \text{const.} \exp(-r^2/2\lambda^2)/r, \quad r \ll \lambda \\ \chi(r) &= \dots \quad (-x^{\mu})/r, \quad r \gg \lambda \end{aligned} \quad (2)$$

Card 2/2

INCARDEN, ROMAN STANISLAW.

On the geometrically absolute optical representation in the electron microscope. Wroclaw (Panstwowe Wydawn. Naukowe) 1957. 60 p. (Wrocławskie Towarzystwo Naukowe. Prace. Seria B, no. 45) (In English. bibl.)  
NN

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

INGARDEN, R.S.

Composite variational problems. Bul Ac Pol mat 7 no.11:687-689 '59.  
(EKAJ 9:10)

1. Institute of Theoretical Physics, Wroclaw University.  
Institute of Physics, Polish Academy of Sciences. Presented by  
W.Rubinowicz.

(Calculus of variations)  
(Mathematical physics)  
(Spaces, Generalized)

INGARDEN, R. S.; MICHALCZYK, J.

On optimum field homogeneity of high energy coil magnets. Bul Ac Pol  
mat no. 5:319-324 '60.

1. Institute of Physics, Polish Academy of Sciences and Department  
of Theoretical Physics, University, Wroclaw. Presented by W. Rubinowicz.

(Electric coils) (Electromagnets)

P/047/60/011/004/001/001  
B115/B201

AUTHOR: Ingarden, Roman Stanisław

TITLE: Work of the Pracownia Teoretyczna Zakładu Niskich Temperatur I. F. PAN (Theoretical Laboratory of the Department for Low Temperatures of the Institute of Physics, Polish Academy of Sciences)

PERIODICAL: Postępy Fizyki, v. 11, no. 4, 1960, 355-362

TEXT: This is a reproduction of a lecture delivered on the occasion of the opening of the department on June 14, 1960. Pracownia Teoretyczna Zakładu Niskich Temperatur (Theoretical Laboratory of the Department for Low Temperatures) was established in June, 1959, when the Samodzielna Pracownia Niskich Temperatur (Autonomous Laboratory for Low Temperatures) was made a department. The predecessor of the laboratory was the Grupa Teoretyczna (Theoretical Group) within the framework of the Autonomous Laboratory, where the author constituted the whole staff since January, 1956. The staff is at present composed of three persons: the author, H. Stachowiak, Magister (both permanent), and J. Klamut, Magister.

Card 1/5

P/047/60/011/004/001/001  
B115/B201

Work of the Pracownia Teoretyczna ...

doctoral candidate with a scholarship. Moreover, a number of graduating students works here under the author's supervision. Since, the laboratory works in cooperation with the Katedra Fizyki Teoretycznej (Department for Theoretical Physics) and the Grupa Teoretyczna I. F. PAN (Theoretical Group at the Institute of Physics, Polish Academy of Sciences, headed by Professor Rzewuski), the author's laboratory constitutes one of the principal elements of the center of theoretical physics at Wrocław. The benefits derived from this cooperation are manifest. In the time since the department for low temperatures has been established, Zygmunt Galasiewicz, Docent, has been staying at Dubna near Moscow for two years to work under the supervision of Academician Bogolyubov; there he has also published three papers on superconductivity. He has clarified the part played by electron pairs with parallel spins in the superconductor. These pairs do not lead to the superconductive state but to a so-called "anomalous" state, which possesses a magnetic susceptibility, which differs from zero even at 0°K. The author concludes that the actual ground state of a superconductor is a certain superposition of the superconduction state by Bogolyubov-Bardeen and the anomalous state. Mention is made of previous results obtained by Galasiewicz: the

Card 2/5

P/047/60/011/004/001/001  
B115/B201

Work of the Pracownia Teoretyczna ...

generalization of the quasi-particle method (in the conception by Zubarev-Migdał-Galicki) to the system of two kinds of primary particles (e.g., electrons and ions at the same time). Galasiewicz also proved the equivalence of the method by Zubarev-Migdał-Galicki as compared with that by Bohm and Pines. The author's choice fell upon the magnetic temperatures as the most important subject in point. For this reason, the department was housed in the vicinity of strong d-c sources. In connection with the chosen subject contacts were taken up with foreign institutions (Oxford, Leyden) for personnel training purposes. For four years, the author has been holding lectures intended as an introduction. Several theoretical studies were conducted on the optimum design of coreless magnets: 1) behavior of the anisotropy of ferromagnets at low temperatures. The measuring equipment has already been assembled. The dissertation by Ziętek, Magister, concerning the ground state of these magnets is in progress. 2) Galvanometric phenomena at low temperatures in fibrous metal single crystals are dealt with in a paper by J. Klamut, Magister, and Rafałowicz, Magister, (now in preparation). The cooperation with the Zakład Ferromagnetyków (Department of Ferromagnetics) is to be extended to the field of superconductivity and ✓

Card 3/5

P/047/60/011/004/001/001  
B115/B201

Work of the Pracownia Teoretyczna ...

superfluidity. The author has completed a preliminary theoretical work in the field of microwave spectroscopy and the dielectric properties of superconductors. A simple model for theoretical studies is offered by liquid helium. A paper on the subject is in the press and part of it has been read at a meeting in Leipzig in March of this year. The author concludes from papers by J. Wojtala, Magister, and J. Wachowicz, Magister, that the theory of liquid helium is to be constructed on a new basis. Mention is made finally of papers by H. Stachowiak, Magister, and Makiej, Docent, as well as Freud, Magister, as preparatory studies of the intermediate state of superconductors. The author thanks Professor Sosnowski and Professor Rubinowicz, director of the Institute of Physics and chairman of the Rada Naukowa (Scientific Council), both belonging to the directorate of the Polish Academy of Sciences, and, moreover, the members of the board and the Institute's direction. Gratitude is also expressed to the following groups at Wrocław: the Komitet Wojewódzki PZPR (Wojewodschafts Committee of the United Polish Worker's Party), the Zarząd Energetyczny Okręgu Dolnośląskiego (Administration of the Power Economy of the Lower Silesia District), as well as the Zakład Materiałoznawstwa Instytutu Elektrotechniki (Department of Goods

Card 4/5

Work of the Pracownia Teoretyczna ...

P/047/60/011/004/001/001  
B115/B201

Technology of the Institute of Electrical Engineering), and all the co-workers at his own department, particularly Docent Makiej, and Doctor Sujak, and finally, Professor Mazur, succeeding the author as the new head. There are 15 Soviet-bloc references.

ASSOCIATION: Pracownia Teoretyczna Zakładu Niskich Temperatur I. F. PAN, Wrocław (Theoretical Laboratory of the Department for Low Temperatures of the Institute of Physics, Polish Academy of Sciences, Wrocław)

✓

Card 5/5

INGARDEN, R.S.

19

INGARDEN, R. S.; URBANIK, K.

Information as a fundamental notion of statistical physics. Bul Ac  
Pol Ma. 9 no.4:313-316 '61.

1. Low Temperature Department. Wroclaw Branch, Institute of Physics,  
Polish Academy of Sciences and Institute of Mathematics, Wroclaw Branch,  
Polish Academy of Sciences. Presented by W. Rubinowicz.

9/058/62/000/008/001/134  
A061/A101

AUTHOR: Ingarden, R. S.

TITLE: Quantum phenomena in optical images

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 12 - 13, abstract 8A95  
("Bull. Acad. polon. sci. Sér. sci. math., astron. et phys.", 1961  
v. 9, no. 7, 549 - 552, English; summary in Russian)

TEXT: The diffraction theory, both approximate and exact, is usually stated from the classical viewpoint. Meanwhile, quantum effects are of essential significance in cases of weak illumination. In the general case a synthesis between the diffraction theory and the quantum theory is also desirable, and this not only from the methodological viewpoint, but from that of the practical use of the information theory in optics as well. However, the impossibility of localizing the photon in the coordinated space makes this synthesis difficult. To overcome this difficulty, an additional condition having the form  $(k^2 - k_0^2)\varphi(k, t) = 0$  is introduced in the paper for the wave function,  $\varphi(k, t)$ , of the photon in the momentum space. Then, for the wave function in the coordinated space, an equation is ob-

Card 1/2

Quantum phenomena in optical images

S/058/62/000/008/001/134  
A061/A101

tained which has the form of the nonrelativistic Schrödinger equation for a particle with mass  $\hbar\omega/2 c^2$ . A second additional condition,  $E = \hbar\omega$ , is necessary to exclude such solutions as have no optical interpretation. Thanks to the former condition the photon becomes localizable, and the ordinary probability law interpretation becomes applicable to its wave function in the coordinated space.

P. Kard

[Abstracter's note: Complete translation]

Card 2/2

24,3200  
S/058/62/000/010/054/093  
A061/A101

AUTHOR: Ingarden, R. S.

TITLE: Information theory, Bohr-Rosenfeld uncertainty relations, and problem of the optimum optical image

PERIODICAL: Referativnyy zhurnal, Fizikan, no. 10, 1962, 5, abstract 10038 ("Acta phys. Acad. scient. hung.", 1961, v. 13, no. 1, 35 - 56, German; summary in Russian)

TEXT: The maximum quantity of information that can be contained in an optical image was determined theoretically in Gaussian optics approximation on the basis of the Bohr-Rosenfeld uncertainty relations. The investigation was conducted on a simplified model of an optical image in incoherent light according to Linfut (RZhFiz, 1957, no. 6, 15541), as generalized by the author for light of any degree of coherence. The field occupied by the image was divided into small elements which were comparable in dimensions with the limit of resolution of the optical system. Owing to the quantum nature of light, illumination of each element may only have a finite number of discrete values. The possible number of illumination levels for the given maximum illumination was obtained from the Bohr-Rosenfeld uncertainty relations. The maximum number of

Card 1/2

✓  
B

Information theory, Bohr-Rosenfeld uncertainty...

S/058/62/000/010/054/093  
A061/A101

possible distributions of illumination for light of any degree of coherence was found, and the quantity of information corresponding to it was calculated. The problem of determining the parameters of the optical system or the wavelength of light for the given parameter values, for which the image can contain the largest quantity of information, was investigated. Theoretical conclusions are compared with experimental data by Rose (RZhFiz, 1954, no. 11, 13937). A demonstration is given of Gabor's theorem of the decomposition of a wave from an optical system into a finite number of independent waves. There are 13 references.

Ye. Yakhotov ✓  
B

[Abstracter's note: Complete translation]

Card 2/2

INGARDEN, R. S. ; URBANIK, K. (Wroclaw)

Information without probability. Colloquium mathem 9 no. 1:131-150  
'62.

1. Institute of Physics, Polish Academy of Sciences, Warsaw and Mathematical Institute, Polish Academy of Sciences, Warsaw.

24,500

P/045/62/021/003/003/005  
B137/B102

AUTHORS:

Ingarden, Roman S., and Urbanik, Kazimierz

TITLE:

Quantum informational thermodynamics

PERIODICAL: Acta Physica Polonica, v. 21, no. 3, 1962, 281 - 304

TEXT: It is shown that a kind of thermodynamics, designated by the authors as "informational thermodynamics" or "A-thermodynamics", can be constructed on the basis of the "information" concept. Informational thermodynamics chiefly operates with the two concepts "information" and "expectation", both of which are functionals of the probability distribution. Informational thermodynamics is more abstract than the traditional one, which the authors call "probabilistic thermodynamics". In contrast to Jaynes (Ref., see below), who only uses operators with a limited number of proper values, also such operators with an unlimited number of proper values are discussed here, as belong to a specific class of so-called "thermodynamically regular" operators. It is shown that all other possible operators are unsuited for thermodynamic considerations. A Hermitian operator  $A$ , representing an arbitrary physical quantity, is thermodynamically regular, if its spectrum

Card 1/3

VB

Quantum informational ...

P/045/62/021/003/003/005  
B137/B102

is discrete, and if there exists a real constant  $c$  so that

$$\sum_{k=1}^{\infty} e^{c\lambda_k} < \infty, \text{ where } \lambda_1, \lambda_2, \dots \text{ are eigenvalues of A.}$$

Boltzmann's "principle of maximum probability" is replaced by that of "maximum information". A-entropy and A-temperature are defined. They become reduced to ordinary entropy and temperature if A is the operator H of total energy. For some operators A this approach leads to the new concept of a maximum (finite) A-temperature, where the A-temperature is variable within a limited range only. A few cases calculated as examples, namely, a spatially fixed fermion with 1/2, a spatially fixed boson with spin 1, the linear harmonic oscillator, a free particle in a box, and the square of angular momentum show to what logical clearness informational thermodynamics is able to solve such problems. The three principal laws of A-thermodynamics are constructed and the assumptions regarding operator A are proved. The concepts "mixed state" and "statistical operator" are not used as they presuppose a probability distribution which mostly has to be taken from outside (quantum ergodic hypothesis). Since distribution probabilities are no longer of interest, these difficulties are eliminated in informational thermodynamics.

Card 2/3

/B

Quantum informational ...

P/045/62/021/003/003/005

B137/B102

Operators with finite temperature range have hitherto been unknown in physics. It is yet possible that such be encountered some day in plasma physics or astrophysics. The authors believe that a new virgin field of thermodynamics has been laid open to research. There are 11 references: 1 Soviet-bloc and 10 non-Soviet-bloc. The four most important references to English-language publications read as follows: Jaynes, E. T., Phys. Rev., 106, 602 (1957), Phys. Rev., 108, 171 (1957); Landau, L., and Lifshits, E., Statistical Physics, Pergamon Press, London, 1958; Quantum Mechanics, Pergamon Press, London, 1959; Tolman, R. C., The principles of Statistical Mechanics, Oxford University Press, London, 1938; Schrödinger, E., Statistical Thermodynamics, Cambridge University Press, Cambridge, 1952.

ASSOCIATION: Institute of Physics of the Polish Academy of Sciences and  
Institute of Theoretical Physics, Wrocław University,  
Wrocław (Ingarden, Roman S.); Mathematical Institute of the  
Polish Academy of Sciences and Institute of Mathematics  
Wrocław University, Wrocław (Urbanik, Kazimierz)

SUBMITTED: July 4, 1961  
Card 3/3

INGARDEN, R.S.

A simplified axiomatic definition of information. Bul Ac Pol mat  
11 no.4:209-212 '63.

1. Institute of Physics, Polish Academy of Sciences, Warsaw, and  
Institute of Theoretical Physics, University, Wroclaw. Presented  
by W. Rubinowicz.

INGARDEN, R.S.

Information theory and variational principles in statistical theories. Bul Ac Pol mat 11 no.8:541-547 '63.

1. Institute of Physics, Polish Academy of Sciences, and  
Institute of Theoretical Physics, University, Wroclaw.  
Presented by W. Rubinowicz.

L 6681-65 EFO-2/EWT(d)/SNT(1)/DWT(a)/T/EDP-2 Pg.4/Pm44/P44/Ph44/Ft44/TJPT44/

TITLE: Information theory and the thermodynamics of masers

SOURCE: Postepy fizyki, v. 15, no. 3, 1964, 287-322

TOPIC TAGS: information theory, statistical physics, statistical thermodynamics, maser theory, mathematical statistics

ABSTRACT: Different aspects of the relations between statistical thermodynamics and information theory are discussed, both from the physical and mathematical points of view. The point of view of mathematical statistics is also mentioned. The various relations between the two theories are discussed, and the axiomatics of information theory is compared with that of statistical thermodynamics.

Card 1/3

1-1-65  
ACCESSION NR: AP4042730

The change in the information-theoretic theory of Sklalard and Shannon. The change in the information-theoretic theory of Sklalard and Shannon. The transition from a discrete to a continuous approach is discussed and a generalization of the original theory is presented. The author also discusses the basis of a single formula which can apparently be applied to all three cases. The author discusses the relationship between the thermodynamic and information-theoretic approaches to the problem of communication. The main headings are: 1. Introduction; 2. Definition of Entropy; 3. Information Theory; 4. The Entropy of a Discrete Thermodynamical System; 5. The Entropy of the Thermodynamical System; 6. The thermodynamic and information B4 formulas.

Author: [unclear]  
Institution: Institut Fizyki PAN - Wydział  
of Physics, Institute of Physics, PAN

Card 2/3

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

SEARCHED INDEXED SERIALIZED FILED

Code 373

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

INGARDEN, Roman S.

The density operator and information thermodynamics. Acta physica Pol 27 no.2:179-196 F '65.

1. Institute of Theoretical Physics of the Wroclaw University and Low Temperature Laboratory of the Institute of Physics, Wroclaw, of the Polish Academy of Sciences. Submitted July 11, 1964.

INCARDEN, Roman Stanislaw, prof. dr

Theory of information and the natural sciences and liberal arts.  
Problemy 2i no.4:200-205 '65.

1. Head, Department of Solids and Low Temperatures of the  
Institute of Theoretical Physics of the Wroclaw University.

INGARDEN, R.S.

The higher order temperatures and the zeroth principle of  
thermodynamics. Bul Ac Pol math 13 no.1:69-72 '65.

1. Institute of Physics of the Polish Academy of Sciences  
and Institute of Theoretical Physics of Wroclaw University.  
Submitted October 28, 1964.

ANSWER TO R-56

32/2000/64, 1000, 000, 00-03510093

14

4-7314 - 224-10 - 1104

1968 Theoretical and Applied Fundamentals of Thermodynamics in Medicine  
and Biology Conference on Temperature Physics and Techniques. Ed., Prague, 1968.  
Proceedings of the conference on temperature: proceedings of the conference. By NCU,  
Academy of Sciences of the Academy of Sciences, 1968, 45-52.

House of the Czechoslovak Academy of Sciences, 1961, No. 3

TOPIC TAGS: thermodynamic theory, irreversible thermodynamics, quantum generator, basic state information theory, Boolean ring

ABSTRACT: The author points out in this review the need for revising and updating many concepts of thermodynamics in view of the development of new devices such as magnetic cores, which are based on irreversible processes for which some old thermodynamic concepts lose their validity. The approach used in Wroclaw to redefine the basic difficulties is closely connected with information theory, making use of Boolean components. The revised theory is based on the algebra of Boolean rings, satisfying with modern probability theory. Information is defined as a real and regular function of a Boolean ring, satisfying certain axioms which are specified in detail. The application of the new theory to the operation of memory and to

~~Other irreversible processes to fully described. Origin and date 25. formula~~

Card 1/2

L-59561-65

ANNEALING OF POLYMER

ASSOCIATE PROFESSOR TEMPERLICE LABORATORY, INSTITUTE OF PHYSICS, POLISH ACADEMY OF  
SCIENCE, DEPARTMENT OF THEORETICAL PHYSICS, UNIVERSITY OF WROCŁAW, WROCŁAW, POLAND

RESEARCHER: DR. TADEK

WALERYCZ

DR. MICHAŁ KOWALEWSKI

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

SUBJ/TYPE: 000001

ENCL: 00

FILE CODE: 007

MR REF NOV: 003

OFER: 014

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUBININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STULOV, A.A.; POKROVSKIY, A.N.; SHIL'DKRUT, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYURSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INGATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.G., red.; BROZDOV, A.G., red.; ROSHQHINA, L., red.; SOLOV'YEVA, G., madshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. Iu.N.Kapelinskogo. Moskva, Sotsekgiz, 1962. 447 p. (MIRA 16:2)

(Economic history)

ZAKHAROV, I.A.; INGE-VECHTOMOV, S.G.

Effect of X rays and high temperature on the crossing-over process. Trudy MOIP. Otd. biol. 7:194-197 '63. (MIRA 16:11)

INGE-VECHTOMOV, S.G.

New genetic lines of the yeast *Saccharomyces cerevisiae*.  
Vest. LGU 18 no.21:117-125 '63 (MIRA 16:12)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

INGE-VECHTOMOV, S.G.; ZAKHAROV, I.A.

Enzyme destroying the fungal cell membranes. Priroda 52  
no.11:105-106 '63. (MIRA 17:1)

1. Leningradskiy gosudarstvennyy universitet im. A.A.  
Zhdanova.

YEROKHINA, L.I.; IL'INA, T.S.; KAMENEVA, S.V.; KRYLOV, V.N.;  
LOMOVSKAYA, N.D.; MIRDLIN, S.Z.; MIKIFOROV, V.N.; SOKOLOVA,  
Ye.V.; SUKHOLOLETS, I.V.; ZAKHAROV, I.A.; INGE-VECHTOMOV,  
S.G.; KVITKO, K.V.; KRIVISSKIY, A.S.; KARASEVICH, Yu.N.;  
ENGEL'GARDT, V.A., akademik, glav. red.; ALIKEHANYAN, S.I.,  
prof., red.; IL'INA, T.S., red.

[Genetics and variation of micro-organisms] Genetika i selektsiya mikro-organizmov. Moskva, Nauka, 1964. 304 p.  
(MINA 17:9)

1. Institut atomnoy energii imeni I.V.Kurchatova (for Yerokhina, Il'ina, Kameneva, Krylov, Lomovskaya, Mirlin, Nikiforov, Sokolova, Sukhodolets). 2. Kafedra genetiki Leningradskogo gosudarstvennogo universiteta (for Zakharov, Inge-Vechtomov, Kvitsko). 3. Institut radiatsionnoy i fiziko-khimicheskoy biologii (for Krivisskiy). 4. Institut mikrobiologii AN SSSR (for Karasevich).

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

INGE-VECHTOMOV, S. G.

Reversions of adenineless yeasts to prototrophic quality.  
Vest. IgU 19 no.9:112-117 '64. (MIRA 17:7)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

NIKOLAYEVA, M.G.; YUDIN, V.G.; INGE-VECHTCHIOVA, N.I.; TSAR'KOVA, V.A.

Nature of the secondary dormancy of tree seeds. Bot. zhur. 49  
no.12:1706-1724 D '64 (NIRA 18:2)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

INGEDULD, Miloslav, inz.

New techniques in geodetic measurements. Geod kart obzor  
9 no. 5: 123-127 My '63.

1. Katedra geodezie, FS, Ceske vysoke učeni technicke, Praha.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

The frequency of this reflected stream can easily be made

deviation). If the deviation is derived as a function of the re-  
flector voltage variation, effective Q-value of the system and  
the oscillation mode number,  $n$ . The slope of the modulation

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

INGEL'SKIY, M., inzh.

Revision of "Construction norms and regulations." Prom. stroi.  
39 no. 1:59 '61. (MIRA 14:1)  
(Standards, Engineering)

INGEL'SKIY, M.G.

The use of steel construction elements has not been justified.  
Prom.stroi. 38 no.3:51-52 '60. (MIMA 13:6)  
(Building, Iron and steel)

INGEL'SKIY, M.L., inzh.

Radially cable-suspended precast reinforced concrete spans.  
Transp. stroi. 12 no.1:41-44 Ja '62. (MIRA 17:2)

INGERBAYEV, Ya., dorozhnnyy master; SABUROV, V.G., dorozhnnyy master;  
KHOOPENKO, A.Ye., inzh.-mekhanik; PETROV, V.S., master po ekspluatatsii  
mashin; MELIKHOV, M.V., starshiy dorozhnnyy master; MEDVEDEV, N.A.,  
starshiy dorozhnnyy master

Letters to the editors. Put' i put.khoz. 9 no.6:36 '65.  
(MIRA 18:6)

1. Stantsiya Chelkar, Kazakhskoy dorogi (for Ingerbayev).
2. Stantsiya Berdyauush, Yuzhno-Ural'skoy dorogi (for Saburov).
3. Stantsiya Shors, Yugo-Zapadnoy dorogi (for Khoopenko).
4. Stantsiya Konosha II, Svernoy drogi (for Petrov). 5. Stantsiya Astrakhan' I, Privolzhskoy dorogi (for Melikhov, Medvedev).

INGERMAN, A.D.

Electric drainage protection of communication structures from  
corrosion. Vest. sviazi 24 no.4:3-5 Ap '64.

(MIRA 17:9)

1. Starshiy inzh. otdela gorodskikh telefonnykh setey Kiyevskogo  
otdeleniya Gosudarstvennogo instituta po izyskaniyam i  
proyektirovaniyu sooruzheniy svyazi.

INGERMAN, I.L.

Case of diffuse scleroderma treated with modern active methods. Vest.  
vener., Moskva no. 6:54 Nov-Dec 1952. (CLML 24:1)

1. Candidate Medical Sciences. 2. Sverdlovsk.

**INGERMAN, M.**

Price determination and bank control in the meat and dairy  
industries. Den. i kred. 14 no.10:25-31 O '56. (MLRA 9:11)  
(Meat--Prices) (Dairy products--Prices) (Banks and banking)

INGERMAN, M.

Improve payments in branches of heavy industry. Den. i kred. 16  
no.11:16-22 N '58. (MIRA 11:12)  
(Payment)

KREYMERMAN, G., kand.tekhn.nauk; INGERMAN, M., inzh.

Shelling corn at grain procurement points. Muk.-elev. prom. 24  
no.9:6-10 S '58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut seryna i produktov  
yego pererabotki.  
(Corn (Maize))

INGERMAN, M.

Simplification of accounts between packing plants and livestock  
procurement organizations. Mias. Ind. SSSR 29 no.2:36-37 '58.

(MIRA 11:5)

(Meat industry--Accounting)

BARKOVSKIY, Nikolay Dmitriyevich; INGERMAN, M., otv.red.; ZAVEENYAYEVA,  
L., red.izd-va; TELEGINA, T., tekhn.red.

[Short-term credit for industrial economic councils] Kratko-  
srochnoe kreditovanie promyshlennosti sovnarkhosov. Moskva,  
Gosfinizdat, 1959. 111 p.  
(Credit)

INGERMAN, M.; GINDIN, M.

Condition of clearinghouse operations and how to improve them.  
(MIRA 14:9)  
Den. i kred. 19 no.9:32-42 S '61.  
(Clearinghouse)

INGERMAN, M., inzh.; TOLKOVETS, Ye.

Separation of wild oats from grain in the separators of the  
Kustanay transshipment base. Muk.-elev. prom. 28 no.5:18-20  
My '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i  
produktov yego pererabotki (for Ingerman). 2. Glavnyy inzh.  
Kustanayskoy perevalochnoy bazy (for Tolkovets).  
(Kustanay--Grain handling) (Kustanay--Grain--Transportation)

KREYMERMAN, G., kand.tekhn.nauk; INGERMAN, M., inzh.; KUZNETSOV, L.; SHONYA, M.; NEMODRUK, I.

The DMK-1 corn threshing machine with two stages. Muk.-elev. prom. 28  
no.6:6-9 Je '62. (MIRA 15:7)

1. Mirgorodskaya mashinoispytatel'naya stantsiya (for Shonya, Nemodruk).
2. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti (for Kreymerman).
3. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov yego pererabotki (for Ingerman).  
(Threshing machines) (Corn (Maize))

MIKHAILSON, L.A.: INGERMAN, V.P.

Production and sale of pharmaceutical products in the U.S.A.  
in 1957. Med.prom. 13 no.6:62-63 Je '59. (MIRA 12:8)  
(UNITED STATES--DRUG INDUSTRY)

MIKHAIL'SON, L.A.; INGERMAN, V.P.

Export and import of pharmaceutical products in Great Britain.  
Med.prom. 13 no.6:63-64 Je '59. (MIRA 12:8)  
(GREAT BRITAIN--DRUG INDUSTRY)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

INGERMAN, V.P.

New foreign drugs. Med.prom. 14 no.11:63-64 N '60.  
(DRUGS)

(MIRA 13:11)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

INGERMAN, V.P.

Broxyl is a new penicillin. Med. prom. 14 no. 5,68 My '60.  
(MIRA 13;9)  
(PENICILLANIC ACID)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

INGERMAN, V.P.

New foreign drugs. Med.prom. 14 no.11:63-64 N '60.  
(DRUGS)

(MIRA 13:11)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

BAYCHIKOV, A.G.; INGERMAN, V.P.

Drug research in foreign countries. Med. prom. 15 no.7:59-64  
Jl '61. (MIRA 15:6).

(DRUGS)

ZAKHAROV, I.A.; INGE-VECHTOMOV, S.G.

Effect of X rays and high temperature on the crossing-over process.  
(MIRA 15:1)

Issl. po gen. no.1:25-37 '61.

(X RAYS PHYSIOLOGICAL EFFECT)

(HEAT PHYSIOLOGICAL EFFECT) (CHROMOSOMES)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

EMCE-VECHTOMOV, S.G.; KOZHIV, S.A.

Comparison of the specificity of ultraviolet and X-ray action  
on the mutability in yeast. Issl. po gen. no. 2177-85 '64.  
(MIRA 18:4)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

ZAKHAROV, I.A.; INGE-VECHTOMOV, S.G.

Isolation of yeast ascospores for the genetic analysis without  
using micromanipulator. Issl. po gen. no.2:134-139 '64. (MIRA 18:4)

INGE-VECHTOMOV, S.G.

Suppressors of adenine requirement in yeast. Genetika no.2:22-26  
(MIRA 18:10)  
Ag '65.

1. Chair of Genetics and Selection, Leningrad State University.

SEARCHED

08/09/86 BY 001-012 0004 (M)

621.362.1 621.317.1 536.2.08

2  
B

Chapman, F. D., Stevaniants, R. A.; Ovchinnikov, A. A.

U.S. Patent Office - U.S. Classification 377

SOURCE: Byulleten' nauchno-tekhnicheskoy i tehnicheskoy informatsii po radiofizike, no. 2, 1981, p.

TOPIC TAGS: temperature measurement, thermocouple, thermal efficiency

INVENTOR: Chapman, F. D.; Stevaniants, R. A.; Ovchinnikov, A. A.  
FIELD OF INVENTION: Heat transfer and heat engines.  
DISCLOSURE: A device for measuring efficiency of heat transfer in a reactor channel is described. It consists of a thermocouple which has its hot end in the channel and its cold end in a plenum. The plenum is connected to the channel by a flange which supports the thermocouple. The flange has a section of relatively efficient insulation so that at the thermocouple junction a modification of this instrument in which a wider temperature range is provided at the cold end of the thermocouple by mounting the thermocouple in a housing which is connected to the flange which supports the thermocouple.

ASSOCIATION: none

Card 1/3

ENCLOSURE: 01

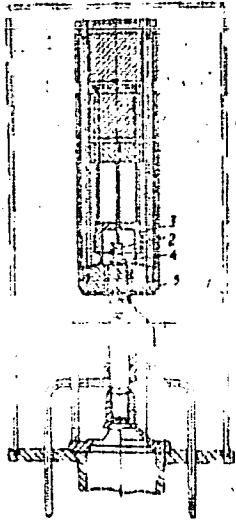


Fig. 1--vacuum chamber; 2--heater;  
3--protective housing; 4--thermocouple;  
5--support flange

Card 2

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

ALL DOCUMENTS ARE UNCLASSIFIED

SUBMITTED BY: 07 May 64

ENCL: 01

SUB COM: RE

NO REF. SIV. 000

OTHER: 000

Card 2/3

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

INGLOT, A.D.; LISOMSKI, J.; MIĘDZIĘDZIA, E.

Purification of protamine-precipitated polyoma virus by gel filtration on Sephadex. Acta virol. (Prag.) 8 no.6: 541-546 N '64

1. The L. Hirszfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wrocław.

INGLOT, J.

Warszawa

Initiative and bureaucracy, p. 6. (ROLNIK SPOLDZIELCA, Vol. 8, no. 10, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,  
Uncl.

INGLOT, J.

By the efforts of peasants. p. 2.

Vol 8<sup>½</sup>, no. 52, Dec. 1955. Our promises in connection with the coming congress. p. 1.  
ROLNIK SPOLDZIELCA. Warsaw, Poland.

(k). Exchange of experiences. p. 1.

So: Eastern European Accession. Vol 5, no. 4, April 1956

INGLOT, J.

Township cooperatives carry out the exchange of commodities while agricultural circles organize production.

P. 2, (Rolnik Spolodzidca. Vol. 9, (i.e.10) no. 9, Feb. 1957, Warszaw, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

INGLOT, J.

From the General Meeting of Representatives from Nowy Targ.

p. 5 (Rolnik Spoldzielca. Vol. 9 (i.e. 10) no. 11, Mar. 1957. Warszaw, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

INGLOT, J.

Is this legality? p. 1.  
(ROLNIK SPOLDZIELCA. Vol. 9 (i.e. 10) no. 14, Apr. 1957.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

INGLOT, J.

The Yugoslav cooperative movement. (To be contd). p.3.

(ROLNIK SPOLDZIELCA. Vol. 9, l.e.10 no. 29, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 10, October 1957. Uncl.

INGLOT, J.

"To read or not to read."

p. 7 (Rolnik Spoldzielca) Vol. 10, no. 1, Jan. 1958  
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

INGLOT, J.

"Concerning autumn general meetings of the members of cooperative societies."

p. 8 (Rolnik Spoldzielca) Vol. 10, no. 2, Jan. 1958  
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

P/039/60/027/006/006/011

AUTHOR: Inglot, J., Doctor of Engineering

TITLE: News From the Institute of Iron Metallurgy. Establishment of Chemical Standards at the Instytut Metalurgii Żelaza (Institute of Iron Metallurgy) and Their Application

PERIODICAL: Hutnik, 1960, Vol. 27, No. 6, pp. 241 - 245

TEXT: The Laboratorium Wzorców Chemicznych (Laboratory of Chemical Standards) at the Zakład Produkcji Doświadczalnej i Usług Instytutu Metalurgii Żelaza (Institute of Iron Metallurgy, Department of Experimental Production and Services), Gliwice, was established in 1958. Since then it produces analytical standards for solution analyses of steels, carried out in the chemical laboratories of metallurgical plants. Samples of very carefully prepared steel billets are analyzed by five different laboratories. Each one makes six analyses from the sample using exactly the same methods. From results thus obtained an arithmetic average is worked out and put down on a certificate (Tables 3 and 4) which is attached to the sample of steel sent to customers, academies, chemical laboratories, research institutes, metallurgical plants, etc. There are 5 tables and 1 figure. ✓

Card 1/1

INGLOT, Jan

Production of chemical standards in the Institute of Ferrous Metallurgy.  
Chem anal 6 no.1:111-119 '61. (KEAI 10:7)

1. Laboratory of Analytical Chemistry, Institute of Ferrous Metallurgy, Gliwice.

(Poland--Iron)

INGLOT, J., dr inz.

Hydrogen Determination in Steel as subject of a technical and scientific conference in the Institute of Iron Metallurgy in Gliwice. Hutnik P 29 no.7/8;311 JL-Ag '62.

1. Instytut Metalurgii Zelaza, Gliwice.

INGLOT, J.

Determination of the carbon content in low-carbon ferrochromium.  
Biul inf inst metal zel no.1:8-11 '63.

1. Institute of Iron Metallurgy, Gliwice.

INGLOT, Jan, dr inz.

Elaboration of analytical standards for wet and spectrographic methods for industrial purposes; the chemical analysis of Armco iron. Biul inf inst metal zel no.2/3;23-25 '63.

Chronicles of the Institute of Iron Metallurgy. Ibid.:46-49

1. Institute of Iron Metallurgy, Gliwice

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2

INGLOT, Jan, dr. inz.

Chemical analysis in iron metallurgy. Przegl techn 84 no.51:  
10 22 D'63.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610016-2"

Kawecka, M., mgr; INGLOT, Jan, dr inz.

Verification of metallurgical methods of analysis; speedy  
methods of determining SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, CaO and MgO in iron  
ores. Biul inf inst metal zel no.2:19-22 '64.

1. Department of Analytical Chemistry of the Institute of  
Iron Metallurgy, Gliwice.

INGLOT, STEFAN

Inglot, Stefan - Zarys dziejow nauk rolniczych i lesnych w Polsce. Krakow, Nakl. Polskiej Akademii Umiejetnosci; skl. gl. w ksieg. Gebethnera i Wolffa, 1948. 52 p.  
(Polska Akademia Umiejetnosci. Historia nauki polskiej w monografiach, 11)  
Historical outline of the sciences of agriculture and forestry in Poland. French summary

SO: Monthly List of European Accessions, L.C., Vol. 3, No. 4, April, 1954

INGLOT-BILSKA, Teresa; KOZMINSKA, Alicja; PIATKOWSKA, Krystyna

Blood pyruvic acid level in differential diagnosis of diphtheria.  
Pol. tyg. lek. 20 no.14:509-511 5 Ap '65.

1. Z Oddzialu Chorob Zakrznuch Dzieci Miejskiego Szpitala Specjalistycznego w Krakowie (Ordynator: dr. Karol Barta) i z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Krakowie (Kierownik: doc. dr. M. Bilek).

Ch. K. Int. Geol. Q.

**APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000618610016-2"**

INGOLD, T.S. K.

YUGOSLAVIA/Organic Chemistry. General and Theoretical Problems  
of Organic Chemistry.

G-1

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36057.

Author : Ingold, T.S. K.

Inst : Not given.

Title : Development of the Space Resistance Theory.

Orig Pub: Glasnic Khem.Društva, 1957, 22, No 3, 129-147.

Abstract: During the April 1957 convention of the Serbian Chemical Society a new interpretation was given to the space resistance theory based on the concept of  $S_n^1$  and  $S_n^2$  mechanisms of replacement. It was shown that space resistances may depend on the following three factors:  
a) Volume of the replacing substance (the classical concept), b) polar effects, c) mass of the replacing

Card : 1/2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36057.

substance. In the case of hydrolysis of Alkyl halides  
the effects of volume and of mass are apparent.

Card : 2/2

L42935-65 EWT(1)/EPA(s)-2  
ACCESSION NR: AP5006812

S/0144/65/000/001/0030/0034

AUTHOR: Yakovenko, V. A. (Candidate of technical sciences, Docent);  
Inogorodskiy, A. V. (Engineer)

TITLE: Enhancing the stability of speed characteristics of widely-adjustable  
speed d-c motors *A*

SOURCE: IVUZ. Elektromekhanika, no. 1, 1965. 30-34

ABSTRACT: The paper presents investigation of a P-91, 5.5-kw, 110-v, 250--  
r/min, 4-pole, 120° electrical angle, wound rotor d-c motor. The motor has been tested at various  
currents and speeds. The effect of the load torque on the speed is studied. The effect of the  
load torque on the current is studied. The effect of the load torque on the torque is studied.  
The effect of the load torque on the power factor is studied. The effect of the load torque on the  
power factor is studied. The effect of the load torque on the power factor is studied.

responsible as the principal reason for the speed-characteristic instability. A number of methods have been proposed in the literature for reducing the influence of the nonstationary component of the current on the commutating-pole winding. However, none of them has been able to completely eliminate the effect of the nonstationary component on the commutating-pole winding. Therefore, the problem of reducing the influence of the nonstationary component of the current on the commutating-pole winding with reduction of the excitation current must be solved by other methods. The methods proposed in the literature do not seem to be applicable to the present case.

1996-07-10 10:00:00 1996-07-10 10:00:00 MDT

SEARCHED 50% INDEXED 100% SUB CODED 100%

卷之三

**APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000618610016-2"**

INGOROKVA, V. V.

"Origin of the Forest Vegetation of the Borzhom Ravine." Cand Biol  
Sci, Tbilisi State U, Tbilisi, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

Def. at Tbilisi State U.

ପ୍ରକାଶକ ପରିଷଦୀ ମହାନ୍ତିରାଜ୍ୟ ପରିଷଦୀ ମହାନ୍ତିରାଜ୍ୟ ପରିଷଦୀ

Anglo-Saxons. The following table shows the growth of the English population from 1066 to 1881.

**Гавайская Кореана Апес**  
Гавайская Кореана Апес  
— это птица, которая имеет ярко выраженную окраску. Птицы этого вида распространены по всему Тихому океану, включая Японию, Китай, Южную Корею, Филиппины, Индонезию, Австралию, Новую Зеландию, Северную Америку и Южную Америку. Гавайская Кореана Апес является самой распространенной птицей на Гавайях, где она живет в диком виде. Вид был впервые описан в 1850 году, а в 1860 году был впервые описан в Японии. Гавайская Кореана Апес является самой распространенной птицей на Гавайях, где она живет в диком виде. Вид был впервые описан в 1850 году, а в 1860 году был впервые описан в Японии.

№1. Відома французька письменниця Генрієтта Гарднер відмінно згадує про місце зборів діячів революції Угорщини. 1851 рік. Академічна гравюра.	1851 рік. Академічна гравюра.
№2. Відома французька письменниця Генрієтта Гарднер відмінно згадує про місце зборів діячів революції Угорщини. 1851 рік. Академічна гравюра.	1851 рік. Академічна гравюра.
№3. Відома французька письменниця Генрієтта Гарднер відмінно згадує про місце зборів діячів революції Угорщини. 1851 рік. Академічна гравюра.	1851 рік. Академічна гравюра.
№4. Відома французька письменниця Генрієтта Гарднер відмінно згадує про місце зборів діячів революції Угорщини. 1851 рік. Академічна гравюра.	1851 рік. Академічна гравюра.
№5. Відома французька письменниця Генрієтта Гарднер відмінно згадує про місце зборів діячів революції Угорщини. 1851 рік. Академічна гравюра.	1851 рік. Академічна гравюра.

*Heteropus Baudier* (1922) was described from a single specimen collected at Tsumeb, South West Africa. The author considered it to be a species of the genus *Tropidophorus*, but the type locality is far removed from the known distribution of that genus. The name *Heteropus* is derived from the Greek *heteros* (different) and *opus* (shape), referring to the different shape of the head. The specific name *Baudier* is in honor of the author.

• 10

卷之三

卷之三

卷之三

三

卷之三

卷之三

104

卷之三

卷之三

卷之三

**APPROVED FOR RELEASE: 08/10/2001**

CIA-RDP86-00513R000618610016-2"

CZECHOSLOVAKIA

L. INGRAVA, J. BOJANOVSKY and K. CHLOUPKOWA, Psychiatric Clinic of  
J. E. Purkyne University (Psychiatricka klinika lekarske fakulty UJEP)  
Brno.

"Treatment of Endogenous Depressions by Interrupted Doses of Reserpine."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 183-184.

Abstract : Treatment of 24 women with depressive syndromes - taking the postulate that repeated release of amines would tend to induce compensatory overformation, reserpine 3 to 6 mg. every 3 days for 10 doses; acathisia in 4 was counteracted with triphenidyl. Major improvement in 13, minor in 7, none in 2. Miscellaneous side effects but none severe. Thus reserpine does act as antidepressant under such conditions.

1/1

17

L 31786-66

ACC NR: AP6021649

SOURCE CODE: CZ/0084/65/000/004/0319/0328

AUTHOR: Ingr, Nikulas; Mahut, Pavel; Porubsky, Anton

22

B

ORG: none

TITLE: Landslide at Miksova

SOURCE: Geograficky casopis, no. 4, 1965, 319-328

TOPIC TAGS: physical geology, soil behavior, hydrology

ABSTRACT: During excavation work a considerable landslide occurred on a supplying canal of the Miksova cascade. The sliding material, of older Quaternary terraces, menaced the canal. The main causes of the landslide are the geological structure of the territory, the composite hydrogeological conditions and erosive action of the Waag. The land should be stabilized temporarily with sumps and finally by a drainage adit in front of the landslide. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 08 / SUHM DATE: none / ORIG REF: 006

LS

Card 1/1

INGRISCH, B.

"Nomographs in chemical engineering. (Supplement)"

p. 1 (Chemicky Prumysl) Vol. 7, no. 6, June 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

INGRISCH, B.

"Nomograph for calculating pressure vessels."

p. 422 (Chemicky Prumysl) Vol. 7, no.8, Aug. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAF) LC. Vol. 7, no. 4,  
April 1958